

### LS-A8 UHF PCB BOM(450-512MHz)

Component	Specification	QTY	Position NO.
0402 Capacitor	0.5P C	3	C137 C136 C135
0402 Capacitor	1.5P C	2	C123 C307
0402 Capacitor	2P C	1	C296
0402 Capacitor	2.5P C/B	5	C288 C286 C161 C313 C312
0402 Capacitor	3P C	1	C122
0402 Capacitor	4P C	3	C140 C139 C138
0402 Capacitor	5P C	4	C334 C130 C337 C305
0402 Capacitor	6P C	6	C314 C144 C143 C142 C141 C303
0402 Capacitor	7P C	5	C231 C162 C329 C328 C270
0402 Capacitor	10P J	2	C154 C153
0402 Capacitor	8P C	1	C335
0402 Capacitor	20P J	1	C233
0402 Capacitor	22P J	4	C165 C145 C425 C424
0402 Capacitor	27P J	1	C160
0402 Capacitor	82P J	5	C291 C159 C158 C156 C155
0402 Capacitor	100P J	7	C319 C134 C133 C132 C131 C413 C318
0402 Capacitor	220P J	8	C514 C513 C512 C511 C422 C421 C420 C419

0402 Capacitor	470P K	54	C412 C612 C611 C525 C230 C229 C228 C227 C224 C223 C222 C221 C220 C219 C215 C212 C211 C210 C209 C208 C207 C206 C205 C204 C203 C201 C200 C114 C113 C112 C111 C110 C109 C108 C107 C106 C105 C104 C101 C100 C613 C610 C609 C519 C518 C218 C217 C216 C214 C428 C429 C430 C431 C432
0402 Capacitor	102P K	28	C618 C617 C268 C267 C265 C264 C263 C262 C242 C240 C239 C129 C128 C127 C126 C125 C124 C103 C102 C273 C287 C619 C515 C418 C417 C410 C409 C241
0402 Capacitor	472P K	2	C333 C332
0402 Capacitor	103P K	10	C504 C276 C275 C272 C271 C164 C163 C150 C415 C414
0402 Capacitor	273P K	3	C426 C427 C520
0402 Capacitor	223P K	1	C521
0402 Capacitor	104P K	38	C606 C605 C602 C509 C508 C507 C502 C501 C310 C309 C306 C304 C302 C301 C300 C299 C298 C297 C121 C120 C119 C118 C607 C604 C603 C601 C600 C510 C416 C407 C406 C405 C404 C403 C402 C401 C400 C500
0402 Capacitor	224P K	1	C522
0402 Capacitor	474P K	1	C516

0402 Capacitor	105P K	5	C330 C524 C523 C408 C423
0603 Capacitor	1.5pF C	2	C294 C293
0603 Capacitor	2.0pF C	2	C320 C281
0603 Capacitor	2.5pF C	1	C284
0603 Capacitor	3.0pF C	1	C279
0603 Capacitor	4.0pF C	2	C292 C280
0603 Capacitor	5PF C	1	C283
0603 Capacitor	6PF C/D	2	C232 C269
0603 Capacitor	7.0pF C	1	C278
0603 Capacitor	22pF J	1	C234
0603 Capacitor	36pF J	1	C277
0603 Capacitor	47pF J	1	C289
0603 Capacitor	470P K	1	C202
0603 Capacitor	102 K	1	C235
0805 Magnetic Bead	100R/101T	2	L225 L224
0402 Resistor	0R J	4	R112 R402 C285 R223
0402 Resistor	10R J	7	R505 R504 R503 R268 R103 R102 R100
0402 Resistor	22R J	3	R229 R228 R514
0402 Resistor	33R J	1	R205
0402 Resistor	47R J	3	R211 R209 R408
0402 Resistor	56R J	1	R282
0402 Resistor	470R J	4	R276 R275 R115 R520
0402 Resistor	100R J	8	R281 R280 R279 R138 R137 R136 R132 R519
0402 Resistor	150R J	2	R122 R120
0402 Resistor	180R J	1	R135
0402 Resistor	270R J	2	R251 R245
0402 Resistor	330R J	3	R227 R226 R133
0402 Resistor	560R J	1	R512

0402 Resistor	680R J	1	R231
0402 Resistor	1K J	17	R110 R109 R108 R107 R106 R105 R104 R510 R507 R506 R428 R427 R426 R425 R420 R407 R274
0402 Resistor	1.5K J	1	R204
0402 Resistor	1.8K J	3	R278 R111 R518
0402 Resistor	2K J	1	R513
0402 Resistor	2.2K J	5	R607 R606 R501 R608 R258
0402 Resistor	2.7K J	2	R273 R272
0402 Resistor	3.3K J	8	R225 R222 R126 R125 R124 R609 R401 R400
0402 Resistor	4.7K J	5	R271 R140 R424 R421 R517
0402 Resistor	5.6k J	1	R127
0603 Resistor	8.2K J	1	R430
0402 Resistor	10K J	6	R502 R232 R113 R431 R253 R508
0402 Resistor	27K J	1	R422
0402 Resistor	33K J	2	R131 R405
0402 Resistor	47K J	23	R604 R603 R500 R201 R200 R129 R119 R118 R511 R419 R418 R417 R416 R415 R414 R413 R412 R411 R410 R203 R434 R435 R206
0402 Resistor	68K J	2	R337 R433
0402 Resistor	82K D	9	R269 R128 R244 R243 R242 R241 R240 R239 R238
0402 Resistor	100K J	10	R208 R207 R139 R117 R116 R509 R406 R134 R202 R259
0402 Resistor	120K J	5	R234 R233 R123 R409 R423
0402 Resistor	180K J	1	R257
0402 Resistor	220K J	3	R260 R515 R429
0402 Resistor	270K J	2	R285 R283

0402 Resistor	330K J	1	R130
0402 Resistor	470K J	2	R335 R286
0402 Resistor	1.0M J	6	R266 R265 R264 R262 R516 R256
0603 Resistor	0Ω J	1	L202
0603 Resistor	47Ω J	1	R210
0603 Resistor	1.0K J	1	R521
0805 Resistor	0R J	1	R217
1206 Resistor	0.39Ω F	3	R237 R236 R235
0603 Magnetic Bead	0603 601T/600R	5	L223 L102 L101 L100 L500
inductance patch/0603	2.2NH	1	L203
inductance patch/0603	18NH	2	L220 L219
inductance patch/0603	22NH	5	L222 L221 L105 L104 L103
inductance patch/0603	47NH	1	L251
inductance patch/0603	220NH	11	L205 L146 L121 L120 L119 L116 L115 L114 L113 L112 L400
inductance patch/0603	1UH	1	L118
inductance patch/0603	3.3UH	3	L108 L107 L106
inductance/0805	18NH	1	L111
inductance/0805	27NH	1	L147
inductance/0805	820NH	1	L250
inductance/0805	1UH	2	L201 L200
inductance/2520	1UH	1	L218
0805 Capacitor	104P K Nonpolarity	2	C116 C115
Tantalum Capacitor (SMD)	2.2UF/1206 10V/16V	1	C117
0805 Capacitor	106P K	17	C608 C621 C620 C615 C614 C505 C503 C317 C152 C151 C148 C622 C616 C506 C411 C316 C149
Diode (SMD)	HVC376	6	D106 D105 D104 D103 D102 D101
Diode (SMD)	BB535	1	D107
Diode (SMD)	KDS160E-RTK/P	3	D112 D401 D400

Diode (SMD)	BA592	1	D204
Diode (SMD)	HSC277	4	D206 D205 D109 D108
Diode (SMD)	HVC350B(TF)	4	D217 D212 D211 D209
Diode (SMD)	0603 Red light	1	D402
Diode (SMD)	0603 Green light	1	D403
Diode (SMD)	1SS372	1	D500
IC (SMD)	LS-A8	1	IC400
IC (SMD)	1.50E+04	1	IC100
Audion (SMD)	UMC4	1	IC101
IC (SMD)	NJM2904	1	IC200
IC (SMD)	AA32416	1	IC201
IC (SMD)	24C256	1	IC401
IC (SMD)	TDA2822	1	IC500
Coil (SMD)	E2-0.35-1.5-3TL	2	L209 L207
Coil (SMD)	E2-0.35-1.5-4TL	6	L214 L213 L212 L210 L208 L206
Coil (SMD)	E2-0.35-1.5-8TL	1	L204
Audion (SMD)	2SA1362(GR)	1	Q501
Audion (SMD)	2SA1745-6-TL	5	Q608 Q607 Q609 Q502 Q400
Audion (SMD)	KTC3770U-RTK/P	5	Q204 Q103 Q102 Q101 Q100
Audion (SMD)	2SC4617(S)	2	Q107 Q503
Audion (SMD)	2SC5066	1	Q209
Audion (SMD)	2SJ243	1	Q106
Push Tube (SMD)	2SK3078	1	Q201
Audion (SMD)	2SK508(K52)	2	Q105 Q104
Audion (SMD)	3SK318	2	Q211 Q210
Audion (SMD)	DTA144EE	1	Q208
Audion (SMD)	DTC144EE	8	Q605 Q604 Q500 Q606 Q402 Q401 Q207 Q206
Diode (SMD)	FP6146-33S5GTR(3.3V)	1	Q602

Audion (SMD)	PBR951	1	Q200
Power tube (SMD)	RQA0011	1	Q203
Audion (SMD)	5V/5002 D	1	Q601
Tact Switch	TS-1191	1	S401
Diode (SMD)	50K 2*2	1	VR100
Crystal (SMD)	19.2MHZ	1	X100
Crystal (SMD)	32.768KHz	1	X400
Ceramic Filter	450F2 (SMD)	1	XF200
Tantalum Capacitor (SMD)	100UF/2010 6.3V	1	C526
Crystal (By manual)	38.850MHZ	2	XF205 XF204
Vol. V.R	R08710NS(76N17N)		W100
Channel V.R	ED086420(6 feet)	1	CN400
Speaker	φ40.16R.1W	1	JP501
Black Wire	28# 5CM	1	
Red Wire	28# 5CM	1	
Crystal Cover	Common	2	
Earphone Jack	ST-106	1	JP500
MIC Jack	ST-320	1	JP502
Microphone	6*5	2	MIC501 MIC500
PTT Steel	A8	1	
Demodulator	CDBM450C24	1	CD200
PTT Board	A8-F-01	1	
PCB Board	A8-RF-01A	1	UT88-RT-01